

To provide The invention provides a transmissive screen that can be manufactured at a low cost and show uniform diffusion and moire-free images over the entire screen, and to provide provides a rear projector provided with such a superior transmissive screen. A transmissive screen includes a Fresnel lens portion having Fresnel-lens components on its light-exiting face and a lens array facing the light-exiting face of the Fresnel lens portion and having many lenses on its light-incident face. The transmissive screen can further includes include separating means device for separating the Fresnel lens portion from the lens array portion at least in the periphery of the screen. A rear projector includes such Such a superior transmissive screen can be included in a rear projector.